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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTY. DOCKET NO. 71493-1180 (RAB:rld)

In re Patent Application of Shiquan Wu, et al

Serial No. 10/612,976

Group Art Unit: 2681

Filed: July 7, 2003

Examiner:

For: VIRTUAL MIMO TRANSMITTERS, RECEIVERS, SYSTEMS AND METHODS

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This Information Disclosure Statement is being filed within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,

SHIQUAN WU, ET AL

Dated: November 8, 2004



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Encls.:      Form PTO-1449  
              All references listed on Form PTO-1449  
              PCT Search Report  
              Acknowledgement Card

Form PTO-1449 (Modified)	Atty. Docket No. 71493-1180	Serial No. 10/612,976
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	Applicant Shiquan Wu, et al	
	Filing Date July 7, 2003	Group 2681

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROPRIATE
	AA	6,430,231	Aug 6, 2002	Calderbank et al.	375	295	
	AB	6,178,333	Jan 23, 2001	Feuerstein et al.	455	503	
	AC	6,356,528	Mar 12, 2002	Lundby et al.	370	209	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	AD	1 185 001 A2	21.08.2001	EP	H04B	7/06		
	AE	0 969 610 A2	23.06.1999	EP	H04B	7/04		
	AF	0 771 084 A1	08.10.1996	EP	H04B	7/06		

**OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)**


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.